

s/n: 10/716,500
date: 10/11/06

684879 @pd>="20060601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	10/10/06 16:00
686658 S130 or S131	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	10/10/06 16:00
263 S129 and S132 ((359/819,811,822,809) or (396/529) or (362/455) or (353/100) or 7003 (358/482,483,474)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	10/10/06 16:00
4964 @ad>="20060601" ((359/819,811,822,809) or (396/52) or (362/455) or (353/100) or 6665 (358/482,483,474)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	10/10/06 15:59
6080 (((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or ((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or 5854 (353/100)).CCLS.) or ((358/474,1.5,315,255,432,433).CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	10/10/06 15:59
2 ("20050063074").PN. ((359/819,811,822,809) or (396/52) or (362/455) or (353/100) or 6448 (358/482,483,474)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	10/10/06 15:58
1141 S121 and S123	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	10/10/06 15:52
1071 S124 not S122	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	10/10/06 15:51
45409 (image with scan\$4) and (light or illumination) and focus\$4	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/21/06 12:06
2028 (359/819,811).CCLS. ((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or 2352 (353/100)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/21/06 10:46
7 ("5715099" "5903401" "5933248" "5936239" "6073844" "6157467" "6239885").PN. OR ("7023588").URPN. ("4496416" "5267088" "5274732" "5412509" "5465126" 11 "5508851").PN. OR ("5715099").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/21/06 10:41
64 S117 and (lens or optic\$4) MORII-YOSHIHIRO\$9.in. or FUJITA-SHIGERU\$9.in. or KOBAYASHI- SHIGEO\$9.in. or TSUYUKI-TATSUYA\$9.in. or TAKEMOTO- 226 HIROSHI\$9.in. or ANDO-JUN\$9.in.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR	6/21/06 10:41
36 lens with mount and (L adj bracket) imag\$4 same (lens or optic\$4) same ((charge\$2 adj couple\$2) or ccd or photo\$2detector or photo\$2sensor or detectoor or sensor or 134925 transceiver or receiver)	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/21/06 10:39
391 S114 and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/21/06 10:33

4898 ((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or (353/100)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/20/06 18:44
3996 ((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or (353/100)).CCLS. ("4493573" "4795284" "4846595" "5358165" "6000784" "6127012" "6217684" "6224709" "6424434").PN. OR 11 ("6693751").URPN.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/20/06 18:43
2 ("6693751").PN.	US-PGPUB; USPAT; USOCR; US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/20/06 18:38 6/20/06 18:28
2187 l-bracket l\$bracket or (l adj bracket)	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
346319 bracket (intermediate with member with (adhesive epoxy glue adher\$4)) and	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
799 substrate (intermediate with member with (adhesive epoxy glue adher\$4)) and	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
357 substrate and parallel (intermediate with member with (adhesive epoxy glue adher\$4)) and	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
154 substrate and parallel and optical (print with head) and (((circuit or control) with board) with (hole or	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
362 aperture))	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
1888 (print with head).ti.	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
639 ((inkjet or (ink with jet) or ink\$2jet) with print with head).ti. (((inkjet or (ink with jet) or ink\$2jet) with print with head).ti.) and	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
342 substrate	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
707 ((print with head).ti.) and substrate	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
40 ((print with head).ti.) and (substrate near2 (hole or aperture))	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
1208 solid with state with image with input	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
516 (solid with state with image with input) and substrate	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
1 6424434.URPN.	USPAT	6/20/06 18:15
1 6424434.URPN.	USPAT	6/20/06 18:15
2460 (358/474).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/20/06 18:15
2757 (358/474,1.5,315,255,432,433).CCLS. ((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or	US-PGPUB; USPAT; USOCR; IBM_TDB	6/20/06 18:15
3996 (353/100)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/20/06 18:15
2757 (358/474,1.5,315,255,432,433).CCLS. ((((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or	US-PGPUB; USPAT; USOCR; IBM_TDB	6/20/06 18:15
(353/100)).CCLS.) or ((358/474,1.5,315,255,432,433).CCLS.)) and		
499 (objective adj lens) ((((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
(353/100)).CCLS.) or ((358/474,1.5,315,255,432,433).CCLS.)) and		
166 (objective adj lens)) and adhesive ((((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
(353/100)).CCLS.) or ((358/474,1.5,315,255,432,433).CCLS.)) and		
166 (objective adj lens)) and adhesive	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15

((((((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or (353/100)).CCLS.) or ((358/474,1.5,315,255,432,433).CCLS.)) and 115 (objective adj lens)) and adhesive) and parallel	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; USOCR; IBM_TDB	6/20/06 18:15 6/20/06 18:15
1 ("6224709").PN.		
1 (solid with state with image with input with unit).ti.	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
1 4555169.PN.	USPAT	6/20/06 18:15
1 4555169.PN.	USPAT	6/20/06 18:15
1 ("6224709").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/20/06 18:15
92 lens with mount and (L adj bracket)	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
("5528118" "5623853" "5668672" "5689377" "5874820" 5 "2002/0080339").PN.	USPAT	6/20/06 18:15
12 (l-bracket l\$bracket or (l adj bracket)) with adhesive	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
2 (("5257138") or ("6224709")).PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/20/06 18:15
((print with head) and (((circuit or control) with board) with (hole or 33 aperture))) and (intermediate with member)	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
98 (print with head) and (ccd with (hole or aperture))	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
(substrate with (aperture or hole) with align\$5 with (optical near ("4011009" "4736132" "4856863" "4900119" "5078479" "5212743" "5311360" "5459610" "5500761" "5654819" "5659418" "5661592" "5701193" "5745271" "5751469" "5825528" "5835255" "5841579" "5847859" "5850492" "5870221" "5914804" "5943155" "5943158" "5943454" "5949571" "5974207" "5986796" "6002513" "6061166" 15 "6172796" "6268952").PN.) axis)) and print	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
11 5343332.URPN.	USPAT	6/20/06 18:15
("4016504" "4034949" "4059343" "4118109" "4319807" "4623225" "4764983" "4768184" "4819096" "4822974" "4850686" "4948233" "4997250" "5077905" "5084783" 16 "5155633").PN.		
((((inkjet or (ink with jet) or ink\$2jet) with print with head).ti.) and 25 (substrate near2 (hole or aperture))	USPAT	6/20/06 18:15
(solid with state with image with input) and (substrate near2 (hole or 56 aperture))	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
((solid with state with image with input) and (substrate with (hole or 55 aperture))) and lens	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
87 (image with scan\$4 with unit).ti.	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
2 ("5936783" "6128120").PN.	USPAT	6/20/06 18:15
4 ("4126386" "4259004" "4861983" "5067782").PN.	USPAT	6/20/06 18:15
13 4555169.URPN.	USPAT	6/20/06 18:15
7 5136326.URPN.	USPAT	6/20/06 18:15
3 (("6224709") or ("6424434") or ("5136326")).PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/20/06 18:15
(((((((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or (353/100)).CCLS.) or ((358/474,1.5,315,255,432,433).CCLS.)) and 72 (objective adj lens)) and adhesive) and parallel) and perpendicular	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
109 (print with head) same board same align\$4	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
(solid with state with image with input) and (substrate with (hole or 106 aperture))	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15

149 (solid with state with image with input with unit) and lens substrate with (aperture or hole) with align\$5 with (optical near ("4011009" "4736132" "4856863" "4900119" "5078479" "5212743" "5311360" "5459610" "5500761" "5654819" "5659418" "5661592" "5701193" "5745271" "5751469" "5825528" "5835255" "5841579" "5847859" "5850492" "5870221" "5914804" "5943155" "5943158" "5943454" "5949571" "5974207" "5986796" "6002513" "6061166" "6172796" "6268952").PN.) axis)	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
235	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
217 solid with state with image with input with unit (((((359/819,811,822,813,818,820,821) or (396/526) or (362/455) or (353/100)).CCLS.) or ((358/474,1.5,315,255,432,433).CCLS.)) and (objective adj lens)) and adhesive	US-PGPUB; USPAT; IBM_TDB	6/20/06 18:15
117 (objective adj lens)) and adhesive	US-PGPUB; USPAT; IBM_TDB	9/15/03 14:45
117 (objective adj lens)) and adhesive	US-PGPUB; USPAT; IBM_TDB	9/15/03 14:45
81 (objective adj lens)) and adhesive) and parallel	US-PGPUB; USPAT; IBM_TDB	9/15/03 14:45
53 (objective adj lens)) and adhesive) and parallel) and perpendicular	US-PGPUB; USPAT; IBM_TDB	9/15/03 14:45
1590 (358/474,1.5,315,255,432,433).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	9/15/03 14:42
368 (objective adj lens)	US-PGPUB; USPAT; IBM_TDB	9/15/03 14:36
1483 (358/474,1.5,315,255,432,433).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	9/15/03 14:35
2442 (353/100)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	9/15/03 14:35
4029 (353/100)).CCLS.) or ((358/474,1.5,315,255,432,433).CCLS.) (solid with state with image with input) and ((358/474, "1.5", "315", "255", "432", "433").CCLS.)	US-PGPUB; USPAT; IBM_TDB	9/15/03 14:35
3 ("6224709") or ("6424434") or ("5136326")).PN.	US-PGPUB; USPAT; IBM_TDB	5/9/03 14:35
1294 (358/474).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	5/9/03 14:34
41 (image with scan\$4 with unit).ti.	US-PGPUB; USPAT; IBM_TDB	5/9/03 13:49
1 ("6224709").PN.	USPAT	5/9/03 13:49
1 4555169.PN.	USPAT	5/9/03 13:40
6 5136326.URPN.	USPAT	5/9/03 13:36
12 4555169.URPN.	USPAT	5/9/03 13:35
0 6424434.URPN.	USPAT	5/9/03 13:34
0 6424434.URPN.	USPAT	5/9/03 13:34
1 4555169.PN.	USPAT	5/9/03 13:34
4 ("4126386" "4259004" "4861983" "5067782").PN.	USPAT	5/9/03 13:30
2 ("5936783" "6128120").PN.	USPAT	5/9/03 13:29
1 (solid with state with image with input with unit).ti.	US-PGPUB; USPAT; IBM_TDB	5/9/03 11:14
119 solid with state with image with input with unit	US-PGPUB; USPAT; IBM_TDB	5/9/03 11:06

80 (solid with state with image with input with unit) and lens	US-PGPUB; USPAT; IBM_TDB	5/9/03 11:04
774 solid with state with image with input (solid with state with image with input) and (substrate with (hole or 22 aperture))) and lens	US-PGPUB; USPAT; IBM_TDB	5/9/03 10:57
(solid with state with image with input) and (substrate near2 (hole or 26 aperture))	US-PGPUB; USPAT; IBM_TDB	5/9/03 10:46
302 (solid with state with image with input) and substrate (solid with state with image with input) and (substrate with (hole or 59 aperture))	US-PGPUB; USPAT; IBM_TDB	5/9/03 10:44
((inkjet or (ink with jet) or ink\$2jet) with print with head).ti.) and 15 (substrate near2 (hole or aperture))	US-PGPUB; USPAT; IBM_TDB	5/9/03 10:43
27 ((print with head).ti.) and (substrate near2 (hole or aperture)) (((inkjet or (ink with jet) or ink\$2jet) with print with head).ti.) and 236 substrate	US-PGPUB; USPAT; IBM_TDB	5/9/03 10:43
520 ((print with head).ti.) and substrate	US-PGPUB; USPAT; IBM_TDB	5/9/03 10:38
450 ((inkjet or (ink with jet) or ink\$2jet) with print with head).ti.	US-PGPUB; USPAT; IBM_TDB	5/9/03 10:35
1475 (print with head).ti.	US-PGPUB; USPAT; IBM_TDB	5/9/03 10:34
72 (print with head) same board same align\$4 substrate with (aperture or hole) with align\$5 with (optical near (("4011009" "4736132" "4856863" "4900119" "5078479" "5212743" "5311360" "5459610" "5500761" "5654819" "5659418" "5661592" "5701193" "5745271" "5751469" "5825528" "5835255" "5841579" "5847859" "5850492" "5870221" "5914804" "5943155" "5943158" "5943454" "5949571" "5974207" "5986796" "6002513" "6061166" 132 "6172796" "6268952").PN.) axis)	US-PGPUB; USPAT; IBM_TDB	5/9/03 10:27
(("4016504" "4034949" "4059343" "4118109" "4319807" "4623225" "4764983" "4768184" "4819096" "4822974" "4850686" "4948233" "4997250" "5077905" "5084783" 16 "5155633").PN. 9 5343332.URPN. (substrate with (aperture or hole) with align\$5 with (optical near (("4011009" "4736132" "4856863" "4900119" "5078479" "5212743" "5311360" "5459610" "5500761" "5654819" "5659418" "5661592" "5701193" "5745271" "5751469" "5825528" "5835255" "5841579" "5847859" "5850492" "5870221" "5914804" "5943155" "5943158" "5943454" "5949571" "5974207" "5986796" "6002513" "6061166" 8 "6172796" "6268952").PN.) axis)) and print	US-PGPUB; USPAT; IBM_TDB	5/8/03 19:27
66 (print with head) and (ccd with (hole or aperture)) (print with head) and (((circuit or control) with board) with (hole or 232 aperture))	USPAT	5/8/03 19:26
((print with head) and (((circuit or control) with board) with (hole or 27 aperture))) and (intermediate with member)	USPAT	5/8/03 19:09
2 (("5257138") or ("6224709")).PN. (intermediate with member with (adhesive epoxy glue adher\$4)) and 87 substrate and parallel and optical	US-PGPUB; USPAT; IBM_TDB	5/8/03 19:00
	US-PGPUB; USPAT; IBM_TDB	5/8/03 18:58
	US-PGPUB; USPAT; IBM_TDB	5/8/03 18:54
	US-PGPUB; USPAT; IBM_TDB	5/8/03 18:40
	US-PGPUB; USPAT; USOCR; IBM_TDB	5/8/03 18:37
	US-PGPUB; USPAT; IBM_TDB	4/17/03 14:21

219 (intermediate with member with (adhesive epoxy glue adher\$4)) and substrate and parallel	US-PGPUB; USPAT; IBM_TDB	4/17/03 14:20
511 (intermediate with member with (adhesive epoxy glue adher\$4)) and substrate	US-PGPUB; USPAT; IBM_TDB	4/17/03 14:19
1 ("6224709").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	4/17/03 14:16
6 (l-bracket l\$bracket or (l adj bracket)) with adhesive	US-PGPUB; USPAT; IBM_TDB	4/17/03 14:14
1501 l-bracket l\$bracket or (l adj bracket)	US-PGPUB; USPAT; IBM_TDB	4/17/03 13:40
("5528118" "5623853" "5668672" "5689377" "5874820" 5 "2002/0080339").PN.	USPAT	4/17/03 13:39
269106 bracket	US-PGPUB; USPAT; IBM_TDB	4/17/03 13:34
154 (((359/819, "811", "822", "813", "818", "820", "821") or (396/526) or (362/455) or (353/100)).CCLS.) and bracket	US-PGPUB; USPAT; IBM_TDB	4/17/03 13:34
2 (((359/819, "811", "822", "813", "818", "820", "821") or (396/526) or (362/455) or (353/100)).CCLS.) and (l-bracket l\$bracket or (l adj bracket))	US-PGPUB; USPAT; IBM_TDB	4/17/03 13:33